1. Title of the Thesis

"An analytical study of Production and Distribution Policy of seeds by Chhattisgarh Rajya Beej Evam Krishi Vikas Nigam Ltd.

2. Introduction

India's Agricultural Sector – An Overview

Agriculture in India has a significant history. At the time of First World War, agriculture contributed 2/3rd of national income due to non existence of industrial development. The economic contribution of agriculture to India's GDP is steadily declining. Still, agriculture is demographically the broadest economic sector and plays a significant role in the overall socio-economic fabric of India.

Agriculture in Chhattisgarh – An overview

Chhattisgarh in the past two years has grown rapidly. The success factor in achieving high growth rate is agriculture and industrial development. Agriculture is the chief economic occupation of the state employing 80% of the total population.

Importance of Seeds in Agriculture

"Subeejam sushereto jaayaty sapadayata" means the good seed in a good field produces abundantly. The seed is foundation of farming. The farmer can increase approximately 20% production while he uses good high quality of seeds. The seed is chief input among other inputs. The Government of India Seeds Act 1966, Seeds Rule 1968 and Seed Control Act 1983 enacted in India wherein the Production Program of modified variety is undertaken by the institutions of the state government under the prescribed procedure. In the country National Seed Corporation Ltd. and Central Farming Corporation at the central level are providing services to farmers.

Characteristics of Ideal Seeds

- It should be true to its type.
- It should be free from mixture of other variety of seeds.
- It should have high percentage of germination.
- It should be free from seed born diseases.

Classes of seeds

- Nucleus Seeds – It is produced by the breeder and it is genetically pure seed.
- Breeder Seeds – it is produced by the breeder from the nucleus seeds. Golden tag is affixed by the breeder.
- Foundation seeds – it is produced by the breeder seeds under the supervision of concerned seed certification agency. White colour tag is affixed by the certification agency.
- Certified seeds – it is producer from the foundation seeds. Certified seeds may be the progeny of certified seeds, provided this reproduction does not exceed the three generation beyond foundation seed stage- I. This is determined by the seed certification agency. Certification tag shall be of blue color for certifies seed class.

Chhattisgarh Rajya Beej Evam Krishi Vikas Nigam Ltd.

Formation

At the time of formation of Chhattisgarh all the activities of agriculture were assigned to Chhattisgarh Mandi State Agricultural Marketing Board

but very soon lots of problems arose and an utter need was felt for a separate corporation to look after not only the development of agriculture but also take over the responsibility of providing quality seeds to farmers on time. In the year 2004-05 when the BJP government came to power it started efforts to for a separate body to see the overall development of agriculture.

Chhattisgarh Rajya Beej Nigam was formed in the year 2004. Certified seeds were need by the newly formed state which led to the formation of beej nigam. Beej Nigam is a separate identity former and registered under Companies Act 1956 as per the notification no.CG REGIME/861/14V/A/2004/14-2 dated 7.7.2004. Beej Nigam initiated its work from 1.8.2005. All the obligations, activities and assets were withdrawn from newly formed Chhattisgarh Mandi State Agricultural Marketing Board and were assigned to Chhattisgarh Rajya Beej Evam Krishi Vikas Nigam Ltd. The district office of is situated in telibandha. The seed processing center of Raipur division is situated in Jora and Abhanpur.

Objectives of Beej Nigam

Chhattisgarh Rajya Beej Evam Krishi Vikas Nigam Ltd. Was formed with the objective of overall development of agriculture. The objectives of nigam are as follows:-

- Production, Procurement, Processing, and Distribution of seeds.
- Development and running of farms.
- Conducting research and development in seed production.
- Processing, installation, management & operation of processing plants.
- To provide technical guidance and facilities to the seed growers.
- To cater the needs of farmers not only of the seeds but also provide assistance for farming.

Beej Nigam also aims to promote, develop, establish, execute, operate and carry on projects, schemes, industries, business and activities which in the opinion of company are likely to:-

- ❖ Accelerate and increase the agricultural production.

- ❖ Contribute to the production of subsidiary and supplementary food.
- ❖ Increase the ability of suppliers of food weather principal, ancillary, supplementary or substitute in particular in the state if Chhattisgarh
- ❖ Contribute to the Agro-industrial development of Chhattisgarh.

Need of Beej Nigam

At the time of formation of beej nigam, for the processing of seeds so produced by the farmers processing centers were formed for the processing of 12 different seeds. Machines used in the processing center were not of high production capacity and corporation was not able to get the seeds of high category so the corporation started 7 more seed processing center with more production capacity and storage capacity. This was done after the formation of beej nigam. Presently Beej Nigam has 26 seed processing centers. By the help of these 26 processing centers seeds are processed and then packed thereafter these seeds a)))e supplied to farmers on time. The corporation has 16 offices where seed production of agricultural sector is undertaken. After the formation of state beej nigam was desperately needed for:-

- ❖ Production, Processing, Procurement of seeds.
- ❖ Storing and distributing certified seeds.
- ❖ Making the seeds available to the farmers on time.
- ❖ Providing seeds at reasonable rate.
- ❖ Providing quantity and the variety if seeds demanded.
- ❖ Providing other assistance such loan for purchasing seeds.

Apart from the above mentioned points beej Nigam performs all those activities which are essential for the development of agriculture.

3.Purpose of the research(Objective of study)

- ❖ To know about the work done by Beej Nigam in the development of agriculture.
- ❖ To find out various activities undertaken in the sector of seed production, processing, procurement and distribution.

- ❖ To find out the objectives and achievements of Beej Nigam.
- ❖ To find out various problems and challenges faced by Beej Nigam.
- ❖ To find out various problems of farmers.

4. Noteworthy Contribution in the field of Proposed Work

- This research would help solve many problems of Beej Nigam.
- It will help in smooth functioning of Beej Nigam.
- This research will help Beej Nigam to prepare itself to meet challenges of feeding the ever increasing population.
- This research will help in finding those areas of Beej Nigam where improvement is needed.
- It will help Beej Nigam in solving various problems of farmers.
- Through this research Beej Nigam will come to know about expectations of farmers.

5. PROPOSED RESEARCH METHODOLOGY

Research methodology is the way to systematically solve the research problem. Research methodology just does not deal with research methods but also consider the logic behind the method. In the research methodology various steps and tools are there to assist the researchers in their research problem along with the logic behind them.

The proposed work will be based on both primary and secondary data collected through various tools like questionnaire, survey etc. other statistical techniques will be used for the work.

6. A brief review of the work already done in the field

In the year 1994 Shri H.L.Verma conducted a research titled "Raipur Sambhag Me Krishi Upaj Ka Samitiyon Evam Upaj Mandiyon Dwara Vipanan – Tilhan Beejon Ke Vishesh Sandarbha Me" Under the guidance of Dr. D.K.Pathak

7. Hypothesis of this research study

- Chhattisgarh Rajya Beej Evam Krishi Vikas Nigam Ltd. is essential for the development of agriculture sector of Chhattisgarh.
- Chhattisgarh Rajya Beej Evam Krishi Vikas Nigam Ltd. Is the best alternative for production of quality seeds.
- There is a need to make Chhattisgarh Rajya Beej Evam Krishi Vikas Nigam Ltd. more successful

8. Expected outcome the proposed work

The expected outcome is the result which we expect after study. The expected results of the research are as follows:-

1. Beej Nigam plays a significant part in the development of agriculture.
2. Beej Nigam is necessary for the overall development of agriculture.
3. Seeds supplied by Beej Nigam give high yield.
4. Farmers are highly satisfied with the work of Beej Nigam.

9. Steps of research work

Chapterisation

Chapter – 1 Introduction

1.1 Agricultural Sector of India – An Overview

1.2 Agriculture in Chhattisgarh

1.3 Agriculture in Raipur Division

Chapter – 2 **An introduction to Chhattisgarh Rajya Beej Evam Krishi Vikas Nigam Limited.**

2.1 History of Beej Nigam
2.2 Necessity of Beej Nigam
2.3 Objectives of Beej Nigam
2.4 Channel of work
2.5 Merits of Beej Nigam
2.6 State Schemes to provide assistance for seeds

Chapter –3 **Research Methodology**

3.1 Introduction
3.2 Kind of Research Methodology
3.3 Limitation of Research Methodology
3.4 Selection of Research Methodology for this Research work

Chapter – 4 **Object and Hypothesis**

4.1 Object of Research
4.2 Hypothesis of Research

Chapter – 5 **Achievements of Beej Nigam**

5.1 Achievements in the field of production in various year
5.2 Achievements in the field of Distribution various year

Chapter – 6 **Problems**

6.1 From the point of view of Rajya Beej Nigam
6.2 From the point of view of farmers

Chapter – 7 **Findings**

7.1 Suggestions
7.2 Conclusion

Chapter – 8 Bibliography

8.1 Bibliography

8.2 Interview schedule of worker in Chhattisgarh Rajya Beej Evam Krish Vikas Nigam Ltd.

8.3 Interview schedule for farmer.

10. Limitations of this study

- Area of research work is confined to Raipur Division.
- This research work concentrates on two functions of Beej Nigam i.e. Production and Distribution.
- Literacy rate is low among farmers, which may, to some extent affect the result of the study.

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